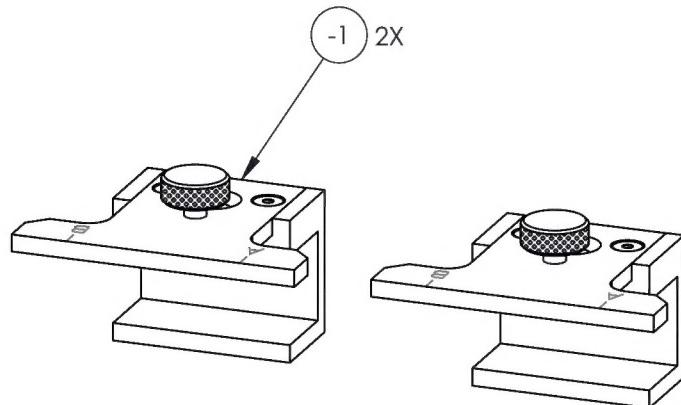


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	9/6/2016	DPD	JAG



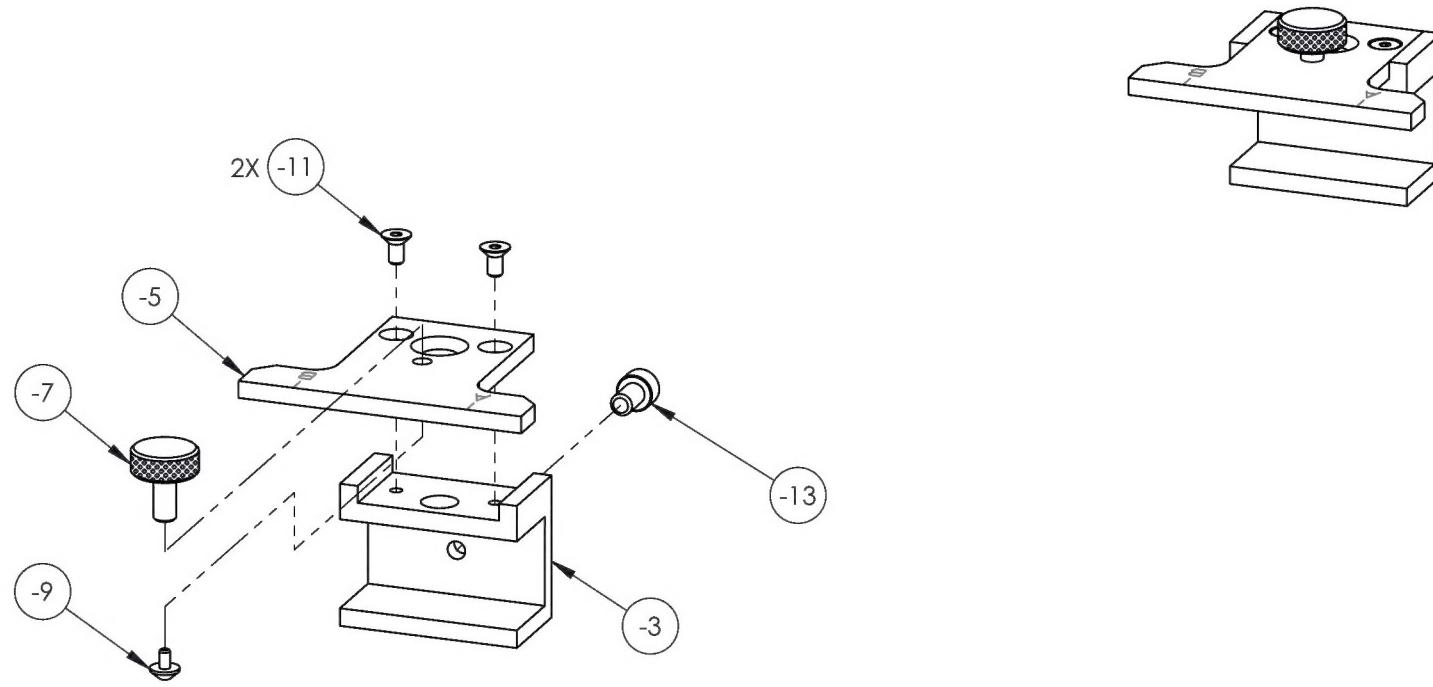
NOTE:  
REF. AIRBUS T/N: 117-41601W1.



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DWG NO.	REV
X			-1	2	GAUGE ASSEMBLY			2	MAT'L	
1			-3		GAUGE BLOCK	6061		3	HEAT TREAT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8
1			-5		GAUGE PLATE	6061		4	FINISH	.XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125
1			-7		THUMB SCREW	4140/4142		5	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
1			-9		ALIGNMENT TIP	4140/4142		6	DRAWN BY:	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
2	B/O	-11			FLAT HEAD CAP SCREW	STEEL	M4 X 0.7mm X 8mm (MCMASTER-CARR #91263A827)	2	CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
1	B/O	-13			SOCKET HEAD CAP SCREW	STEEL	M6 X 1mm X 10mm (MCMASTER-CARR #91290A316)	2	OPPS APPR:	ANDERSON
									QA APPR:	LINDSAY
									APPROVED:	GILBERT H145
ASSY -1									SCALE	1:2 DATE 7/21/2016 SHEET 1 OF 6

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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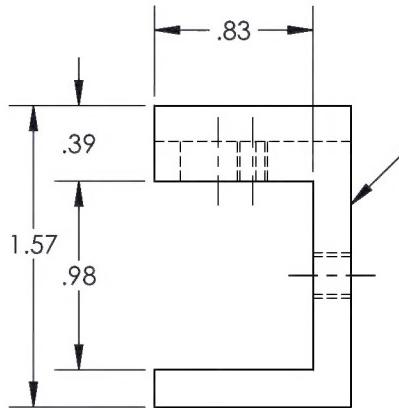
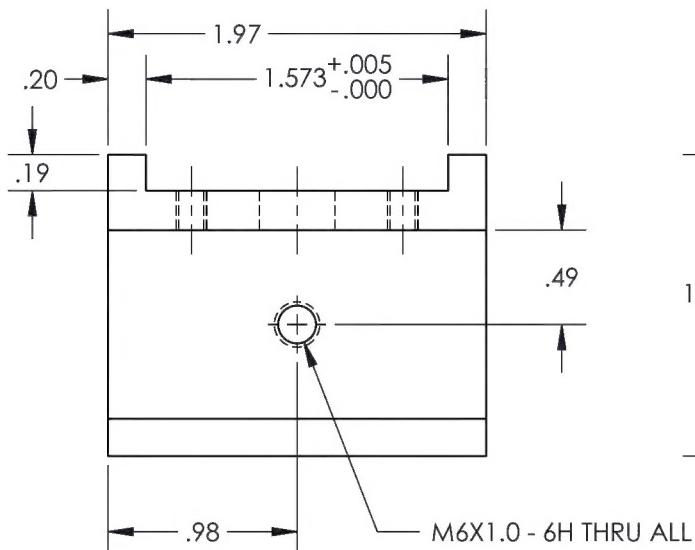
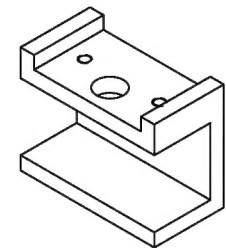
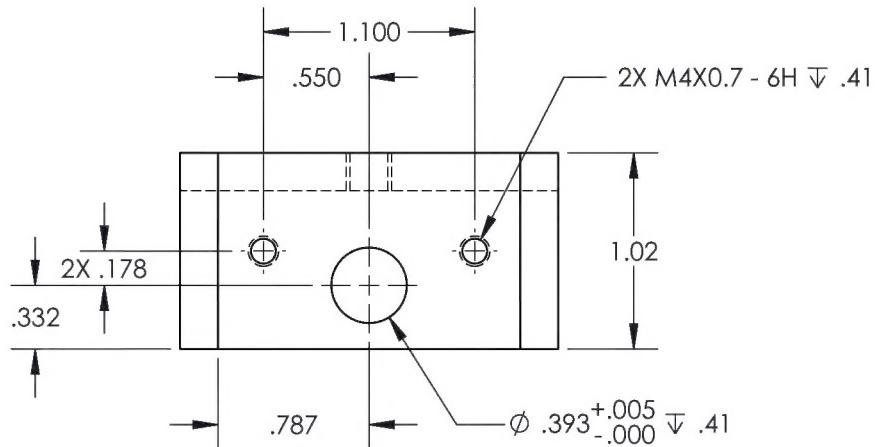


GAUGE ASSEMBLY

DART AEROSPACE	
TITLE	
POSITIONER	
DWG NO.	RBE117-41601W1-1
REV	1
MAT'L	
HEAT	
TREAT	
FINISH	
SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H145	
SCALE	1:2
DATE	7/21/2016
SHEET 2 OF 6	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
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GAUGE BLOCK

(3)

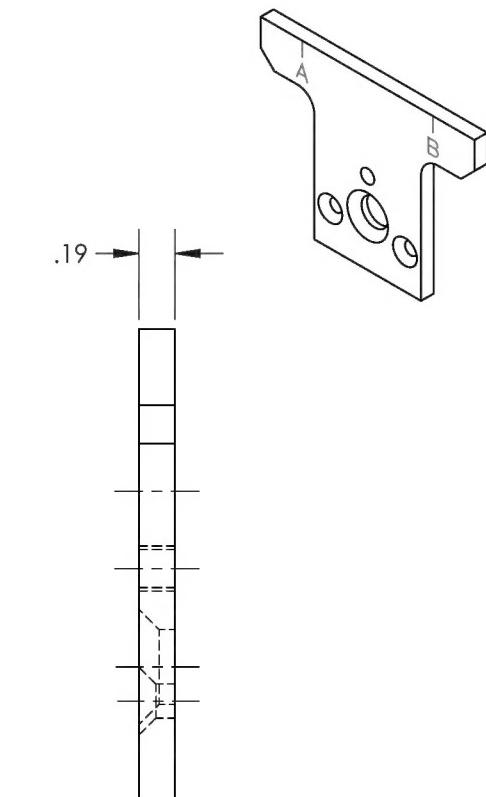
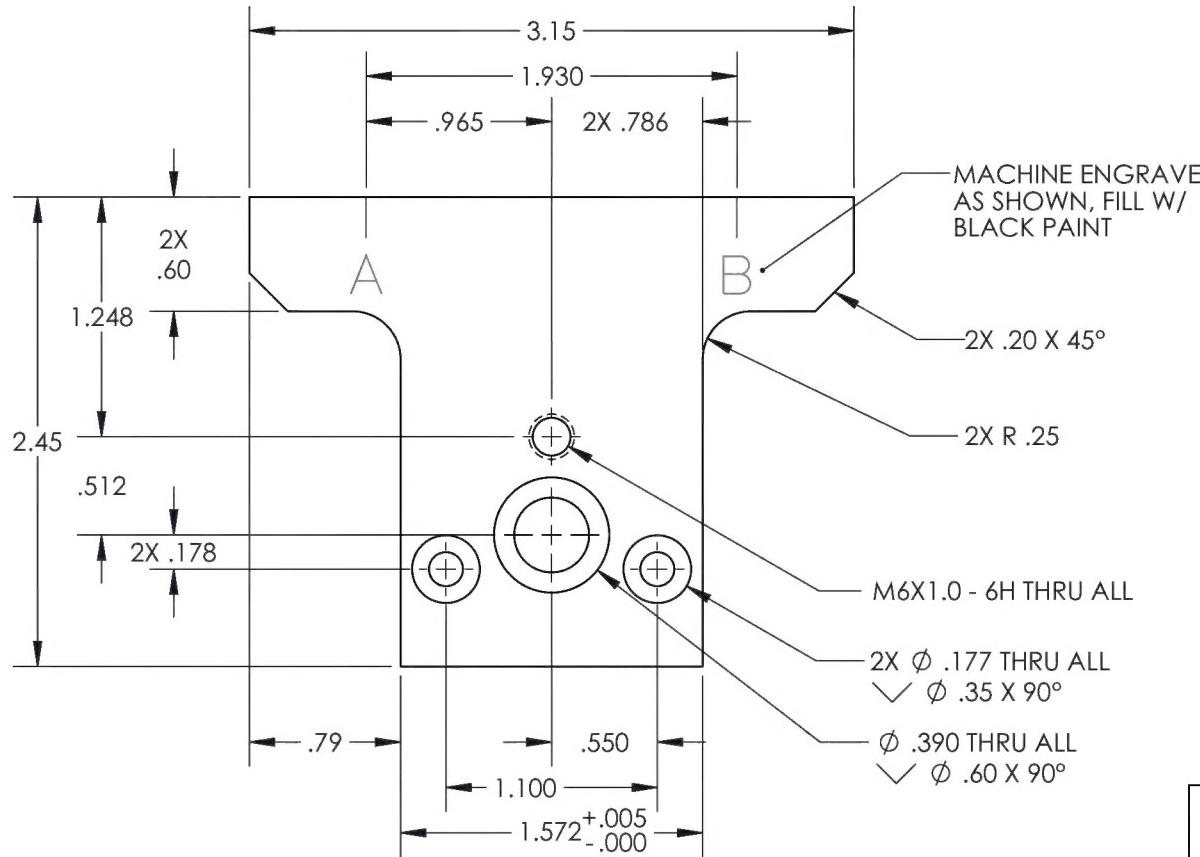
TITLE	
POSITIONER	
DWG NO.	RBE117-41601W1-3
MAT'L	6061
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125 ✓
SPEC	MIL-A-8625F, TYPE II, CLASS I
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H145
SCALE	1:1
DATE	7/21/2016
SHEET 3 OF 6	

**DART**  
AEROSPACE

REV  
1

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REV		ECR		REVISIONS		
				DESCRIPTION		DATE
				INITIAL	APPROVED	



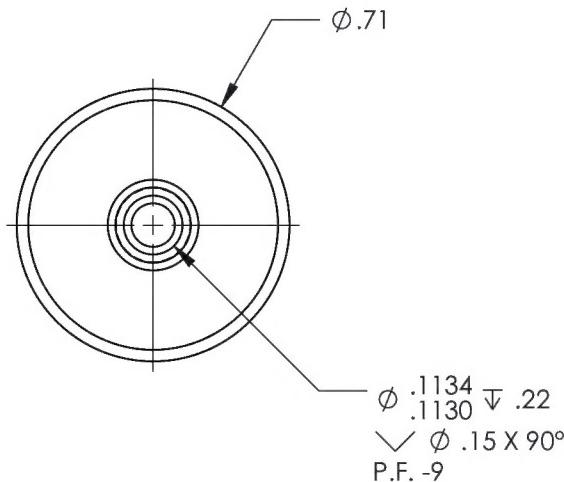
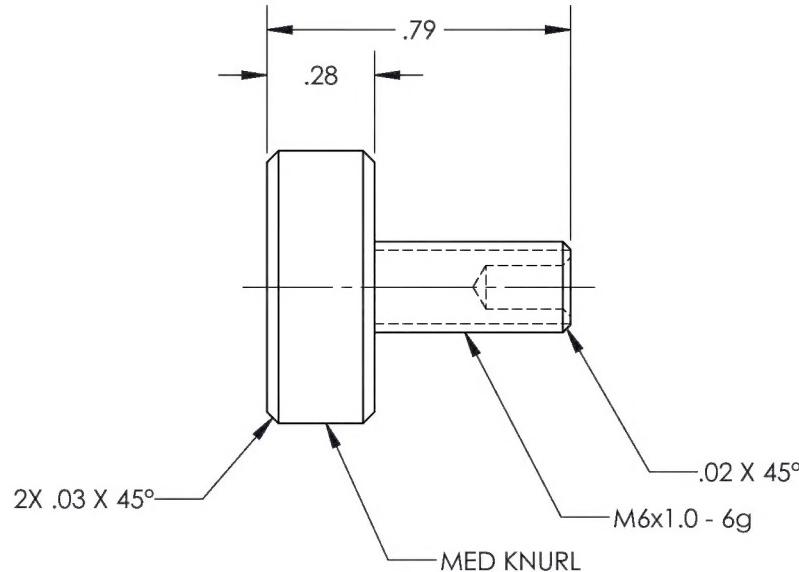
GAUGE PLATE

(-5)

<b>DART</b> AEROSPACE	
TITLE	
POSITIONER	
DWG NO. RBE117-41601W1-5	
REV 1	
MAT'L 6061	
HEAT	
TREAT	
FINISH CLEAR ANODIZE	
SPEC MIL-A-8625F, TYPE II, CLASS I	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 7/21/2016
USED ON MODEL	
H145	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SHEET 4 OF 6	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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**DART**  
AEROSPACE

## POSITIONER

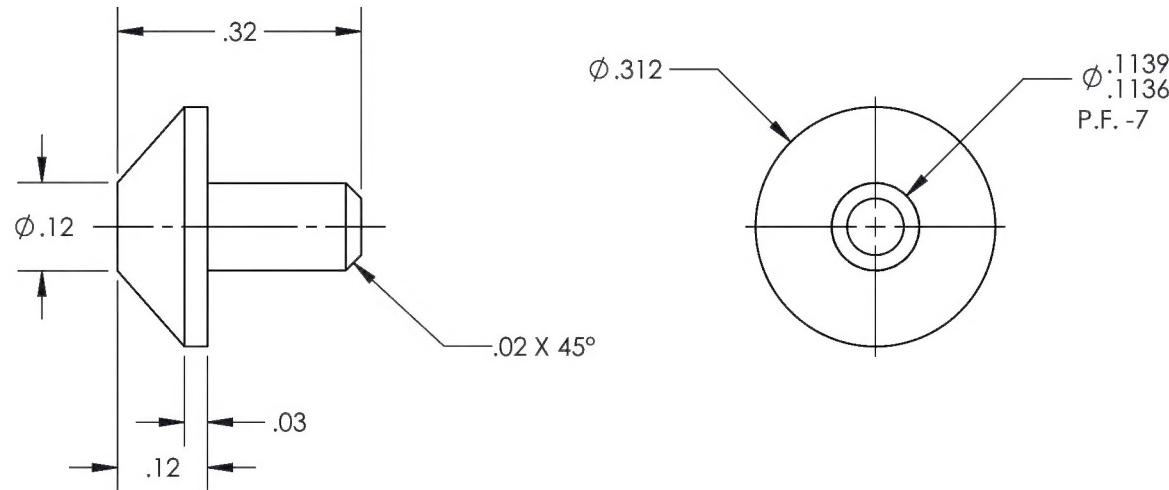
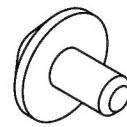
TITLE	POSITIONER		
DWG NO.	RBE117-41601W1-7		
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
HEAT	.XXX ± .005 FRACTIONS ± 1/8		
TREAT	.XX ± .01 ANGLES ± 5°		
FINISH	.X ± .1 SURFACES = 125 ✓		
SPEC	1. BREAK ALL SHARP EDGES		
QMSI-6.2.2, B.O. REV D	.015 x 45° OR .015R		
DRAWN BY:	2. DIMENSIONAL LIMITS APPLY		
DUERFELDT	AFTER PLATING		
CHECKED:	3. INTERPRET DIM AND TOL PER		
CLOUGH	ASME Y14.5M-2009		
OPPS APPR:	USED ON MODEL		
ANDERSON			
QA APPR:	H145		
LINDSAY			
APPROVED:	GILBERT		
SCALE	2:1	DATE	7/21/2016
		SHEET 5 OF 6	

(-7)

THUMB SCREW

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(9)

ALIGNMENT TIP

TITLE	
POSITIONER	
DWG NO.	RBE117-41601W1-9
REV	1
MATERIAL 4140/4142 UNLESS OTHERWISE SPECIFIED	
HEAT TREAT RC 28-32 DIMENSIONS ARE IN INCHES	
FINISH ZINC PLATE .XXX ± .005 FRACTIONS ± 1/8	
SPEC ASTM B633 TYPE I SC 2 .XX ± .01 ANGLES ± 5°	
DRAWN BY:	DUERFELDT .X ± .1 SURFACES = 125 ✓
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H145
SCALE 4:1	DATE 7/21/2016
SHEET 6 OF 6	